**Supplementary Table 1. CNLC-based Multivariate Cox proportional hazards regression analysis of risk factors associated with OS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable** | **HR** | **95% CI** | **B-values#** | ***p-*value\*** |
| CNLC |  |  |  |  |
| Ia | 1 |  |  |  |
| Ib | 1.048 | 0.784-1.403 | 0.047 | 0.751 |
| IIa | 1.277 | 0.956-1.706 | 0.245 | 0.097 |
| IIb | 1.561 | 1.195-2.039 | 0.445 | 0.001 |
| IIIa | 2.707 | 2.005-3.653 | 0.996 | < 0.001 |
| IIIb | 2.621 | 1.895-3.626 | 0.964 | < 0.001 |
| Child-Pugh grade |  |  |  |  |
|  A | 1 |  |  |  |
|  B | 1.378 | 1.099-1.729 | 0.321 | 0.006 |
| Serum AFP in ng/mL |  |  |  |  |
|  ≤ 200 | 1 |  |  |  |
|  > 200 | 1.281 | 1.112-1.475 | 0.247 | 0.001 |
| Tumor size in cm |  |  |  |  |
|  < 5 | 1 |  |  |  |
|  5-10 | 1.422 | 1.191-1.699 | 0.352 | < 0.001 |
|  > 10 | 1.954 | 1.598-2.390 | 0.670 | < 0.001 |

#B-values were regression coefficients. \*Cox Regression analysis. AFP, alpha fetoprotein; CI, confidence interval; CNLC, China liver cancer; HR, hazard ratio; OS, overall survival.